

Journal of Experimental Biology
Volume 218, Issue 8, 15 April 2015, Pages 1270-1271

Cambered profile of a California sea lion's body (Letter)

Ul-Haque, A.^a, Asrar, W.^a ✉, Omar, A.A.^b, Sulaeman, E.^a, Mohamed Ali, J.S.^a 👤

^aDepartment of Mechanical Engineering, International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia
^bDepartment of Aeronautical Engineering, University of Tripoli, PO Box 81507, Tripoli, Libyan Arab Jamahiriya

Abstract

View references (7)

[No abstract available]

Indexed keywords

EMTREE medical terms: anatomy and histology animal biomechanics hydrodynamics Otariidae

MeSH: Animals Biomechanical Phenomena Hydrodynamics Sea Lions

Molecular Sequence Numbers:

GENBANK,
AJ609615:AJ609620(referenced), NM131263(referenced)

ISSN: 00220949
CODEN: JEBIA
Source Type: Journal
Original language: English

DOI: 10.1242/jeb.117556
PubMed ID: 25911735
Document Type: Letter
Publisher: Company of Biologists Ltd

References (7)View in search results format >

☐ All

Export

Print

E-mail

Save to PDF

Create bibliography

☐ 1


(2014)
Airfoil Tools
<http://airfoiltools.com>

☐ 2

Cheneval, O.
(2005) *Biomechanics Ofturning Manoeuvres in Steller Sea Lions*. Cited 3 times.
PhD Thesis, University of British Columbia, Vancouver, BC

4 Citations in Scopus

7.58 Field-Weighted Citation Impact

 PlumX Metrics ▾

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 4 documents

Wind tunnel testing on a generic model of a hybrid lifting hull
Ul Haque, A. , Asrar, W. , Omar, A.A.
(2016) *Journal of Aerospace Technology and Management*

Assessment of engine's power budget for hydrogen powered hybrid buoyant aircraft
U. Haque, A. , Asrar, W. , Omar, A.A.
(2016) *Propulsion and Power Research*

Pugh Analysis for Configuration Selection of a Hybrid Buoyant Aircraft
Ul Haque, A. , Asrar, W. , Sulaeman, E.
(2015) *SAE Technical Papers*

View all 4 citing documents

Inform me when this document is cited in Scopus:

Set citation alert >

Set citation feed >

Related documents

Estimation of shape of the sea lion for hydrodynamic analysis. Response to 'Cambered profile of a California sea lion's body'
Fish, F.E.

- 3 Feldkamp, S.D.
Swimming in the California sea lion: morphometrics, drag and energetics.

(1987) *Journal of Experimental Biology*, 131, pp. 117-135. Cited 96 times.

- 4 Fish, F.
Imaginative solutions by marine organisms for drag reduction
(1998) *Proceedings of the International Symposium on Seawater Drag Reduction*, pp. 443-450. Cited 24 times.
Newport, Rhode Island

- 5 Hertel, H.
(1966) *Structure-Form-Movement*. Cited 174 times.
New York: Reinhold Publishing Corp

- 6 Stelle, L.L., Blake, R.W., Trites, A.W.
Hydrodynamic drag in Steller sea lions (*Eumatopias jubatus*)
(2000) *Journal of Experimental Biology*, 203 (12), pp. 1915-1923. Cited 33 times.
[View at Publisher](#)

- 7 Suzuki, I., Sato, K., Fahlman, A., Naito, Y., Miyazaki, N., Trites, A.W.
Drag, but not buoyancy, affects swim speed in captive Steller sea lions
(2014) *Biology Open*, 3 (5), pp. 379-386. Cited 7 times.
<http://bio.biologists.org/content/bioloopen/3/5/379.full.pdf>
doi: 10.1242/bio.20146130
[View at Publisher](#)

Asrar, W.; Department of Mechanical Engineering, International Islamic University Malaysia (IIUM), Kuala Lumpur, Malaysia

© Copyright 2015 Elsevier B.V., All rights reserved.

< Back to results | 1 of 2 Next >

^ Top of page

(2015) *Journal of Experimental Biology*

The kinematics of the California sea lion foreflipper during forward swimming

Friedman, C. , Leftwich, M.C.
(2014) *Bioinspiration and Biomimetics*

Turning maneuvers in steller sea lions (*Eumatopias jubatus*)

Cheneval, O. , Blake, R.W. , Trites, A.W.
(2007) *Marine Mammal Science*

[View all related documents based on references](#)

[Find more related documents in Scopus based on:](#)

[Authors >](#) [Keywords >](#)

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)

ELSEVIER

[Terms and conditions](#) [Privacy policy](#)

Copyright © 2017 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Cookies are set by this site. To decline them or learn more, visit our [Cookies page](#).

 RELX Group™